## **Test Protocol**

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Figure 1. Sample Paper Test Protocol Form

Date: Monday July 17, 2017			Week 1, Day 1	
Group 1 - Perfect		9:30 AM	2:30 PM	2:45 PM
MEMS® TrackCap®	10001			DO NOT OPEN
MEMS® SmartCap®	10101			DO NOT OPEN
eCAP™ 1-clic	10201			DO NOT OPEN
eCAP™ Argus-loc	10301			DO NOT OPEN
iCAP	10401			DO NOT OPEN
MedFolio Cellular Pillbox	10501			DO NOT OPEN
MedMinder Maya™	10601			DO NOT OPEN
MedSignals® Pill Case/Monitor	10701			DO NOT OPEN
SimpleMed+	10801			DO NOT OPEN
Wisepill RT2000 Dispenser	10901			DO NOT OPEN
Group 2 - Missed		9:30 AM	2:30 PM	2:45 PM
MEMS® TrackCap®	10002	DO NOT OPEN		DO NOT OPEN
MEMS® SmartCap®	10102	DO NOT OPEN		DO NOT OPEN
eCAP™ 1-clic	10202	DO NOT OPEN		DO NOT OPEN
eCAP™ Argus-loc	10302	DO NOT OPEN		DO NOT OPEN
iCAP	10402	DO NOT OPEN		DO NOT OPEN
MedFolio Cellular Pillbox	10502	DO NOT OPEN		DO NOT OPEN
MedMinder Maya™	10602	DO NOT OPEN		DO NOT OPEN
MedSignals® Pill Case/Monitor	10702	DO NOT OPEN		DO NOT OPEN
SimpleMed+	10802	DO NOT OPEN		DO NOT OPEN
Wisepill RT2000 Dispenser	10902	DO NOT OPEN		DO NOT OPEN
Group 3 - Extra	10000	9:30 AM	2:30 PM	2:45 PM
MEMS® TrackCap®	10003			
MEMS® SmartCap®	10103			
eCAPTM 1-clic	10203			
eCAP™ Argus-loc	10303			
iCAP	10403			
MedFolio Cellular Pillbox	10503			
MedMinder Maya™	10603			
MedSignals® Pill Case/Monitor	10703			
SimpleMed+	10803			
Wisepill RT2000 Dispenser	10903			

Figure 2. Test Protocols for Each of the Three Sequences.

SEQUENCE 1 PROTOCOL						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
16	17	18	19	20	21	22
Simulation: Perfect Adherence	□ 9:30 AM □ 2:30 PM					
23	24	25	26	27	28	29
Simulation: Missed Doses	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM <del>□ 2:30 PM</del>	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	
30	31	1	2	3	4	5
Simulation: Extra Doses	□ 9:30 AM □ 2:30 PM □ 2:45 PM	□ 9:30 AM □ 2:30 PM □ 2:45 PM	☐ 9:30 AM ☐ 2:30 PM ☐ 2:45 PM	□ 9:30 AM □ 2:30 PM □ 2:45 PM	□ 9:30 AM □ 2:30 PM □ 2:45 PM	_

SEQUENCE 2 PROTOCOL						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
16	17	18	19	20	21	22
Simulation: Missed Doses	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM <del>□ 2:30 PM</del>	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	
23	24	25	26	27	28	29
Simulation: Extra	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	
Doses	□ 2:45 PM	☐ 2:45 PM	□ 2:45 PM	☐ 2:45 PM	☐ 2:45 PM	
30	31	1	2	3	4	5
Simulation: Perfect Adherence	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	

SEQUENCE 3 PROTOCOL						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
16	17	18	19	20	21	22
Simulation:	□ 9:30 AM	□ 9:30 AM	□ 9:30 AM	□ 9:30 AM	□ 9:30 AM	
Extra	□ 2:30 PM	□ 2:30 PM	□ 2:30 PM	☐ 2:30 PM	□ 2:30 PM	
Doses	□ 2:45 PM	□ 2:45 PM	□ 2:45 PM	□ 2:45 PM	□ 2:45 PM	
23	24	25	26	27	28	29
Simulation: Perfect Adherence	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	
30	31	1	2	3	4	5
Simulation: Missed Doses	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	□ 9:30 AM <del>□ 2:30 PM</del>	□ 9:30 AM □ 2:30 PM	□ 9:30 AM □ 2:30 PM	

Note. One device of each type was tested according to each sequence.